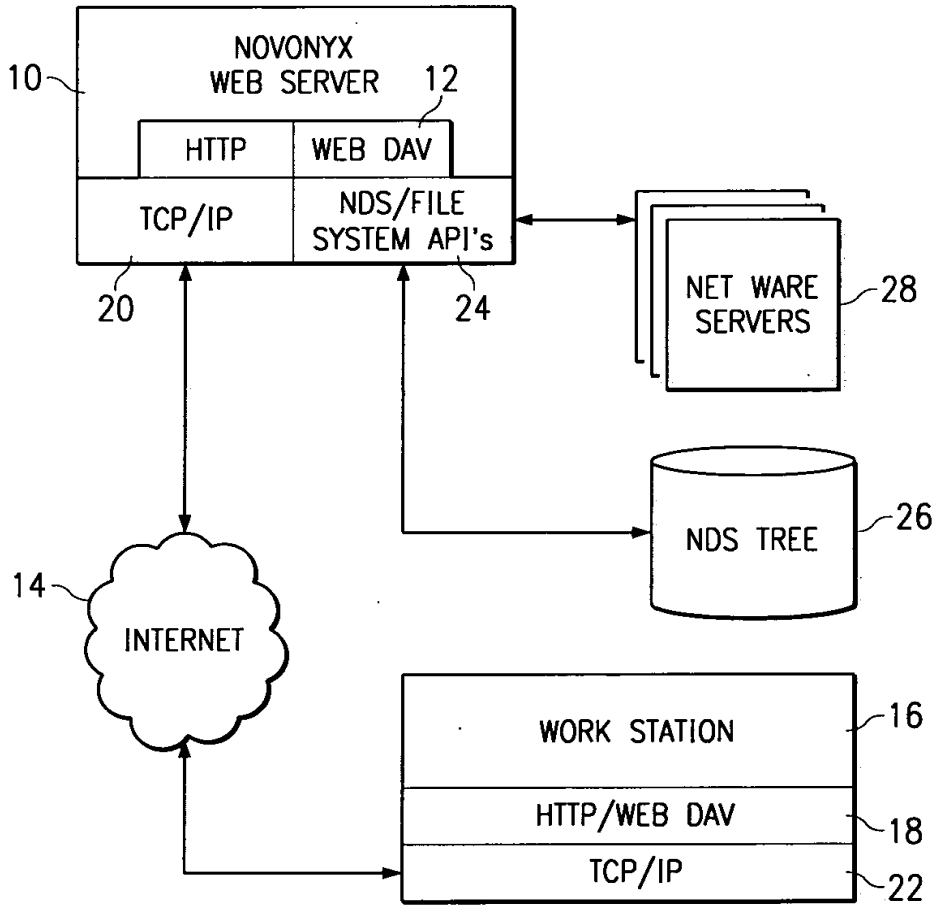
NOVONYX
WEB SERVER
10
12
HTTP
WEB DAV
TCP/IP
NDS/FILE
SYSTEM API's
20
24
NET WARE
SERVERS
28
NDS TREE
26
14
INTERNET
WORK STATION
16
HTTP/WEB DAV
18
TCP/IP
22

FIG. 1

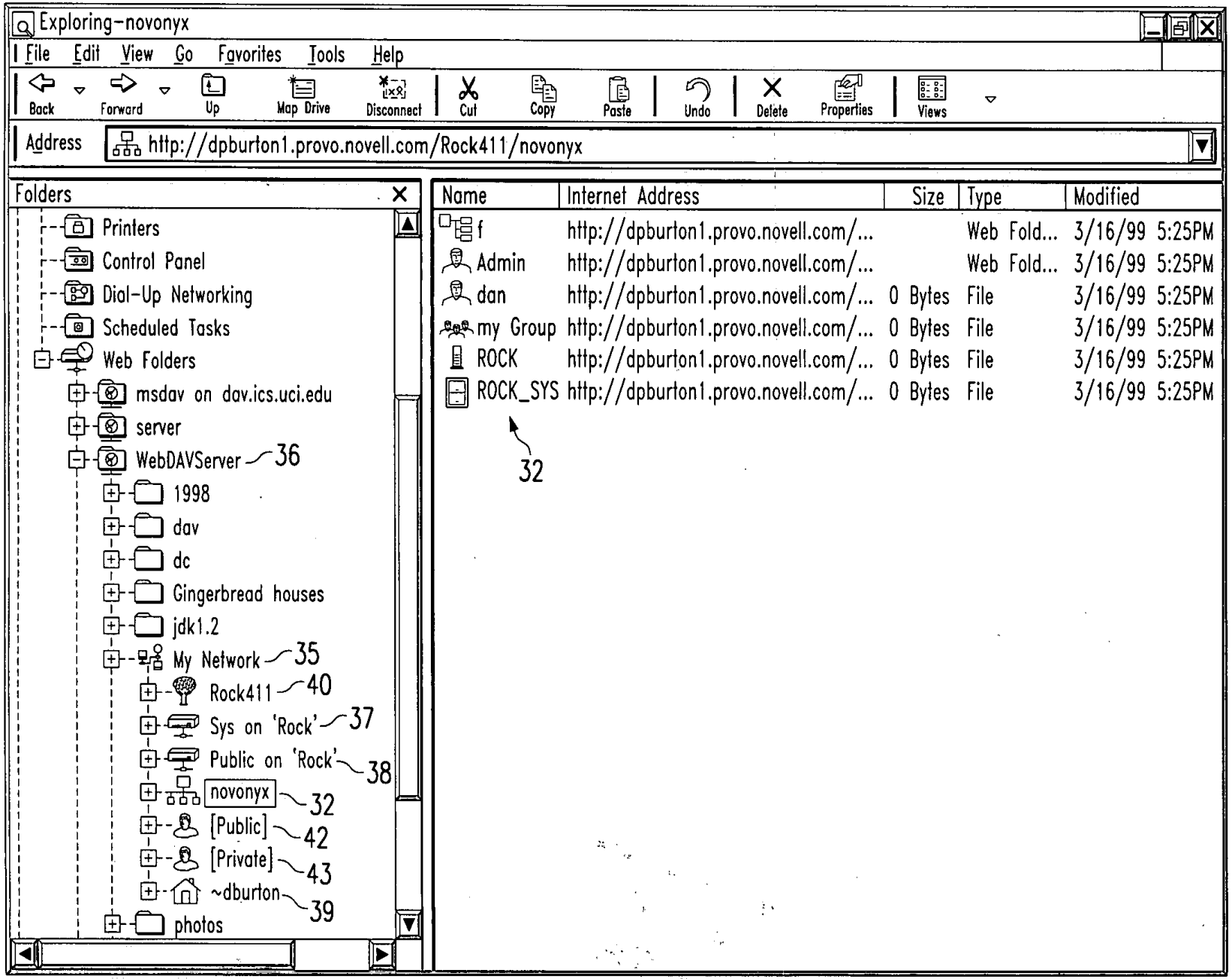
Exploring-novonyx
File Edit View Go Favorites Tools Help
Back Forward Up Map Drive Disconnect Cut Copy Paste Undo Delete Properties Views
Address http://dpburton1.provo.novell.com/Rock411/novonyx
Folders
Printers
Control Panel
Dial-Up Networking
Scheduled Tasks
Web Folders
msdav on dav.ics.uci.edu
server
WebDAVServer 36
1998
dav
dc
Gingerbread houses
jdk1.2
My Network 35
Rock411 40
Sys on 'Rock' 37
Public on 'Rock' 38
novonyx 32
[Public] 42
[Private] 43
~dburton 39
photos
Name Internet Address Size Type Modified
f http://dpburton1.provo.novell.com/... Web Fold... 3/16/99 5:25PM
Admin http://dpburton1.provo.novell.com/... Web Fold... 3/16/99 5:25PM
dan http://dpburton1.provo.novell.com/... 0 Bytes File 3/16/99 5:25PM
my Group http://dpburton1.provo.novell.com/... 0 Bytes File 3/16/99 5:25PM
ROCK http://dpburton1.provo.novell.com/... 0 Bytes File 3/16/99 5:25PM
ROCK_SYS http://dpburton1.provo.novell.com/... 0 Bytes File 3/16/99 5:25PM
32

FIG. 2

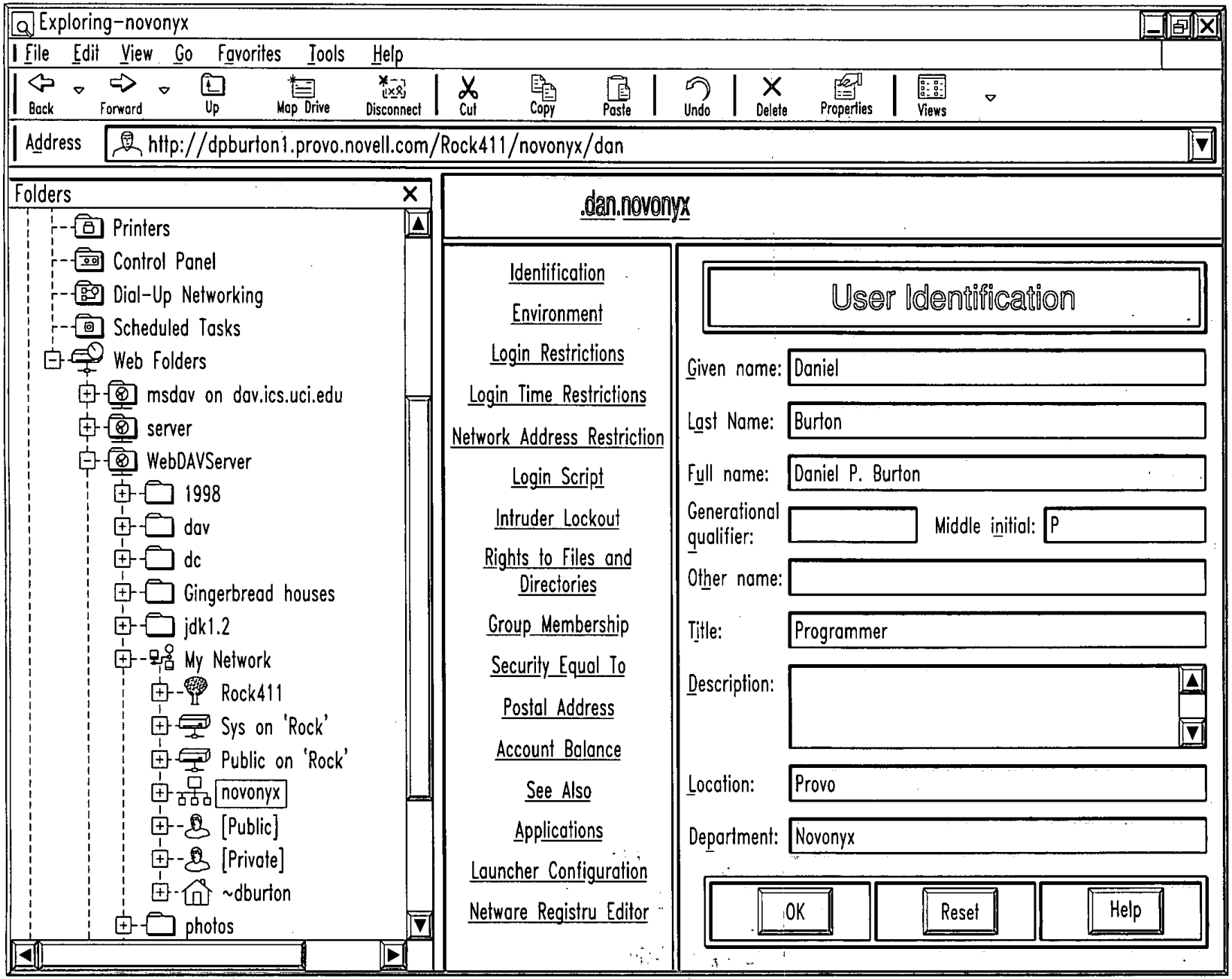
Exploring-novonyx
File Edit View Go Favorites Tools Help
Back Forward Up Map Drive Disconnect Cut Copy Paste Undo Delete Properties Views
Address http://dpburton1.provo.novell.com/Rock411/novonyx/dan
Folders
Printers
Control Panel
Dial-Up Networking
Scheduled Tasks
Web Folders
msdav on dav.ics.uci.edu
server
WebDAVServer
1998
dav
dc
Gingerbread houses
jdk1.2
My Network
Rock411
Sys on 'Rock'
Public on 'Rock'
novonyx
[Public]
[Private]
~dburton
photos
.dan.novonyx
Identification
Environment
Login Restrictions
Login Time Restrictions
Network Address Restriction
Login Script
Intruder Lockout
Rights to Files and Directories
Group Membership
Security Equal To
Postal Address
Account Balance
See Also
Applications
Launcher Configuration
Netware Registru Editor
User Identification
Given name: Daniel
Last Name: Burton
Full name: Daniel P. Burton
Generational qualifier:
Middle initial: P
Other name:
Title: Programmer
Description:
Location: Provo
Department: Novonyx
OK
Reset
Help

FIG. 3

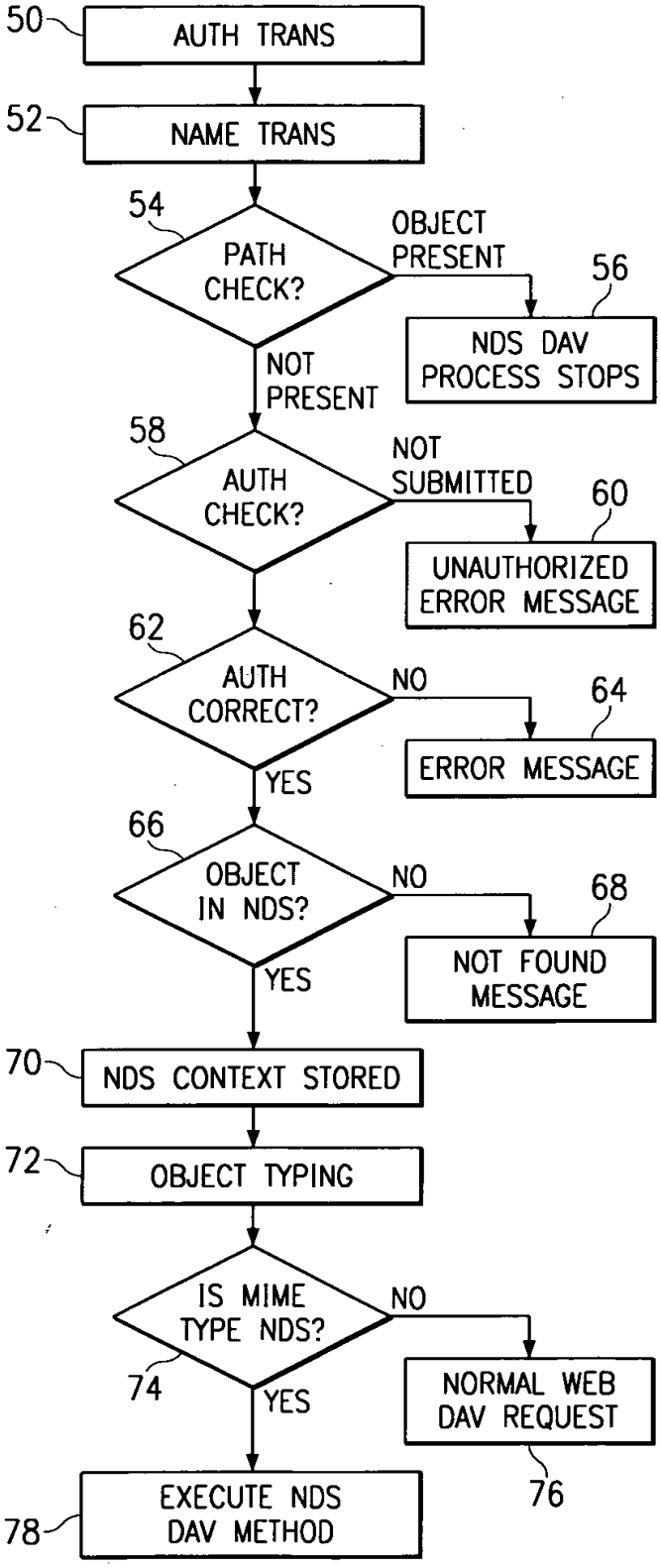
50
AUTH TRANS
52
NAME TRANS
54
PATH CHECK?
OBJECT PRESENT
56
NDS DAV PROCESS STOPS
NOT PRESENT
58
AUTH CHECK?
NOT SUBMITTED
60
UNAUTHORIZED ERROR MESSAGE
62
AUTH CORRECT?
NO
64
ERROR MESSAGE
YES
66
OBJECT IN NDS?
NO
68
NOT FOUND MESSAGE
YES
70
NDS CONTEXT STORED
72
OBJECT TYPING
IS MIME TYPE NDS?
NO
74
YES
NORMAL WEB DAV REQUEST
76
EXECUTE NDS DAV METHOD
78

FIG. 4